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information report

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BERNOT Production of Solid Alcohol in Shantung

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SUPPLEMENT TO REPORT NO.

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The Tsimm (117-00, 36-41) Alcohol Manufacturing Plant of the Shantung Industrial Bureau succeeded on 26 June 1951 in making solid elcohol fuel. The product is designed to provide cooking fuel and disinfectant for combat proops in Korea. The East China Military Area has ordered 10,000 catties of solid alcohol from this plant. .

- The solid alcohol will be packed in tins containing one-half catty each. The shipping weight of a full tin will be 12 liang, for convenience in ship ing and carrying. The heat-generating capacity of this fuel is 96 percent of the capacity of liquid alcohol, or 3080 calories per can. The solid alcohol can heat 20 times its volume of cold water to the boiling point, and the contents of each can will burn for 8 hours. The fuel can also be used as a disinfectant for wounds,
- The order of the East China Military Area is scheduled for completion by ind August, when it is to be shipped to troops in Korea.

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